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JANUARY 1992

Janaury's weather pattern over the western U.S. was an unwelcome repeat of December's: a split jet stream shunted all storms far to the north or south. Alaska lay in the northern storm track, which gave Eaglecrest (near Juneau) measurable snow or rain on 27 of 31 days. An extended storm hit Alyeska on the 1st-11th, and the heaviest snow came on the 6th-8th when 44" fell. Another 28" fell on the 16th-17th, and Alyeska finished the month with 180% of normal.

Outside of Alaska, not a single data site reached its average January snowfall. In the Cascades of Washington, Stevens Pass, Mt. Rainier, and Crystal Mt. were all about 75% of normal. A storm packing snow and heavy rain struck this region on the 21st-31st. Stevens Pass recorded almost 22" of water during this storm, while Alpental and Snoqualmie Pass got 13". A widespread avalanche cycle swept the Cascades from the 21st-31st. In Oregon, Mt. Hood Meadows recorded only 54% of normal snows, but it too experienced an avalanche cycle late in the month: On the 29th, a WS-N-5 avalanche fell 3,000' vertical down Clark Canyon, adjacent to the ski area.

In the Sierra of California, Alpine Meadows recorded 25% of normal snows, and Squaw Valley, 15%. In the Wasatch of Utah, no snow fell after the 15th, so that Snowbird ended up with 44% of normal. Sun Valley, ID saw no snow after the 7th and got but 28% for the month. In the Tetons of Wyoming, Teton Pass got 20% while Jackson Hole recorded 37%. In Montana, Bridger Bowl received 41%; Big Sky, 68%; and Big Mountain (lying much farther north), 84%.

In Colorado, Gothic (with 23% of normal) and Sunlight (with 28%) both suffered their driest January of record. Wolf Creek received no snow after the 8th and totalled 38% for the month. All other sites received 40-84% of normal, with the exception of Vail and Winter Park/Mary Jane. These two sites recorded 30" of snow on the 7th-9th, which helped boost Vail to 98%, and Winter Park to 88%. Taos, NM was dry from the 13th-31st and wound up with 50% of normal.

Twelve avalanche incidents were reported in January. Three were notable: On the 2nd at Crystal Mt., WA, an out-of-bounds skier sustained a fractured vertebra when he triggered an avalanche and fell down a 48-degree chute. On or about the 3rd at Seward, AK, a road worker clearing debris from one avalanche was struck by another. He was injured and his front-end loader was damaged. And on the 4th on Big Four Mt., WA, three climbers were buried by an avalanche while they were inside an ice cave. A fourth climber -- a woman 8 months pregnant -- was caught outside the cave and swept downhill. She and her baby escaped serious injury. Meanwhile, the three men in the cave began the arduous task of digging out -- with a pocket knife! They emerged 3 hours later, unhurt but exhausted after tunneling through 10-20 feet of snow.

Through January, 33 incidents have resulted in 38 people caught, 12 partly buried, 1 buried, and 5 injured. Three vehicles and two property sites have been damaged. Damage estimate is \$50,000 for the year.

The second announcement for the ISSW was mailed in February. If you find yourself not on that mailing list and want to be, drop a note to ISSW'92, P.O. Box 733, Fort Collins, CO 80522.

U.S. FOREST SERVICE WESTWIDE WEATHER AND AVALANCHE NETWORK FORT COLLINS, COLORADO

JANUARY 1992 SUMMARY OF WEATHER AND SNOW CONDITIONS

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⁻⁻ DATA INCOMPLETE OR MISSING

M-ONE OR MORE DAYS OF RECORD MISSING-IF AVERAGE VALUE IS ENTERED, LESS THAN 10 DAYS RECORD IS MISSING
IF M IS ENTERED IN WIND SPEED COLUMN, LESS THAN 37 6-HOUR PERIODS ARE MISSING
GE--GREATER THAN OR EQUAL TO

U.S. FOREST SERVICE WESTWIDE WEATHER AND AVALANCHE NETWORK FORT COLLINS, COLORADO

JANUARY 1992 AVALANCHE SUMMARY

	TOTAL A	TOTAL A V	DATES OF			NUMBER OF DAYS WITH		TYPE OF			AVALANCHE			FRACTURE LINE HEIGHTS IN FEET			VERTICAL DESCENT IN FEET			1
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^{-- =} DATA INCOMPLETE OR MISSING

GE = GREATER THAN OR EQUAL TO + = ALSO OCCURRED ON OTHER DATES